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ZANUSSI

Instructions for use and care of ZF 67/44 Frost-free refrigerator/freezer

Important!

Your new appliance is easy to use. Nevertheless, to get the best results it is important that you read this booklet very carefully and follow all the instructions before using the appliance for the first time.
The booklet provides exact instructions for installation, operation and maintenance, and in addition also supplies some useful hints.

If this appliance — equipped with magnetic door seals — replaces an older appliance featuring a spring lock (mechanical latch) on the door or lid, please ensure that this lock is made completely unusable before «throwing out» the old appliance. This will prevent it from becoming a death-trap for a child.

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can be acquainted with the functioning of the appliance and the relevant warnings.

Refrigeration Warnings

THESE WARNINGS ARE PROVIDED IN THE INTEREST OF SAFETY. YOU MUST READ THEM CAREFULLY BEFORE INSTALLING OR USING THE APPLIANCE.

- This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.
- Any electrical work required to install this appliance should be carried out by a qualified electrician.
- This product should be serviced by an authorised Zanussi Network Service Centre, and only genuine Zanussi spare parts should be used.
- It is dangerous to alter the specifications or modify the product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- Zanussi domestic refrigerators and fridge/freezers are designed to be used specifically for the storage of edible foodstuffs only.
Frozen food must not be re-frozen once it has been thawed out.
- Manufacturers' storage recommendations should be strictly adhered to. Refer to relevant instructions.
- There are working parts in this product which heat up. Always ensure that there is adequate ventilation as a failure to do this will result in component failure and possible food loss. See installation instructions.
- Parts which heat up should not be exposed. Wherever possible the back of the product should be against a wall.
- Before any cleaning or maintenance work is carried out, be sure to switch off the appliance and unplug.
- The inner lining of the appliance consists of channels through which the refrigerant passes. If this should be punctured this would damage the appliance beyond repair and cause food loss. DO NOT USE SHARP INSTRUMENTS to scrape off frost or ice. Frost may be removed by using the scraper provided. Under no circumstances should solid ice be forced off the liner. Solid ice should be allowed to thaw when defrosting the appliance. See defrost instructions.
- The appliance should be left for 2 hours after installation before it is turned on in order to allow the refrigerant to settle.
- Do not place carbonated or fizzy drinks in the freezer as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- This appliance is heavy. Care should be taken when moving it.
- Ice lollies can cause frost burns if consumed straight from the freezer.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Zanussi Network Centre, and always insist on genuine Zanussi spare parts.

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Installation

Door frames (only for models provided with such frames)

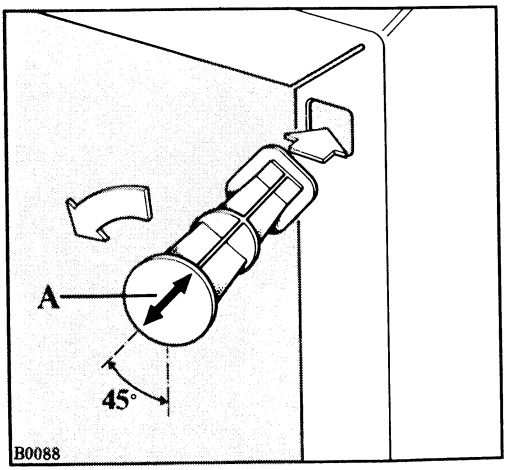
Remove the adhesive tape protecting the frames of the doors.

To this purpose it will also be necessary to remove the handles, screwing them on again in the same position, or, on the opposite side, if the door is to be opened on the opposite sense.

Rear spacers

The plastic bag containing all relevant documentation also contains two rear wall spacers to be fitted into special slots on the back of the appliance. Fit the spacers into the slots, taking care to ensure that the arrow «A» is positioned as shown in Figure 1. Next, turn them through 45° (arrow in vertical position) until they lock into place.

Fig. 1

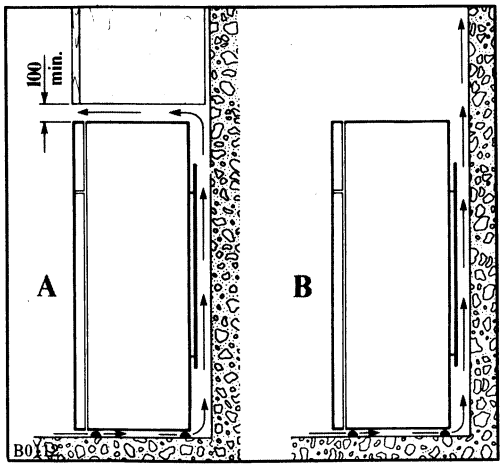


Location

Place the appliance as far away as possible from sources of heat, e.g. radiators, heaters, direct sunlight, etc.
The best results are achieved with a room temperature of between +16°C and +32°C (class N) or between +18°C and +43°C (class T).
Make sure that there is nothing hindering air circulation at the back, bottom, or top of the appliance.
To achieve the best performance, the top of the appliance — if set under a wall cabinet — should be at least 100 mm away from the base of the cabinet
ure 2/A).
However, the appliance should ideally not be installed underneath wall cabinets (as shown in Figure 2/B).
One or more adjustable feet mounted on the base of the appliance make it possible to set it perfectly level.

In the case of models with a stainless-steel finish, remove the protective film from the outer surfaces before use.

Fig. 2



Electricity Supply

The appliance is for operation on a 220/240 V 50 Hz supply, so be sure that your electricity supply voltage is within the range marked on the nameplate located inside the cabinet.

Earthing

WARNING: THIS APPLIANCE MUST BE EARTHED. The manufacturer declines any liability should this safety measure not be observed.

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off and the appropriate plug fitted. The cut off plug should be disposed of to prevent the hazard of electric shocks in case it should be plugged into a 13 Amp socket in another part of your home.

Electrical connection

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

GREEN AND YELLOW - EARTH
BLUE - NEUTRAL
BROWN - LIVE

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug, this is what you have to do:

Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol ⏚, or coloured green, or green and yellow.
Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.
Connect the brown (live) wire to the terminal which is marked with the letter «L» or coloured red.
The plug moulded on to the cord incorporates a fuse. For replacement use a 13 Amp BS 1362 fuse. Only ASTA approved fuses should be used.
The fuse cover/carrier must be replaced in the event of changing fuse.

The right fuse cover/carrier colour is the one shown by the coloured insert at the base of the plug or is the colour of the inscription at the base of the plug.
The plug must not be used if the fuse cover/carrier is lost.
A replacement cover/carrier must be obtained from Zanussi Service Agents whose addresses are listed on the attached «Zanussi Service and Spares Nationwide».
This model has the main terminal board of the type shown in Fig. 3.
To gain access to the terminals of the supply cable, remove the lid from the terminal board by releasing the two catches «A» and «B» Fig. 3 with the aid of a small blade screwdriver.

This appliance complies with E.E.C. directive No. 82/499 of 7.6.82 relative to radio interference suppression.

Cleaning the appliance's interior

Before using the appliance for the first time, wash all internal parts with lukewarm water and neutral soap so as to remove the typical «new» smell and then dry thoroughly. Do not use detergents or abrasive powders as these will damage the finish.

Use

Control panel (Fig. 4)

A General switch and SUPER (quick freeze) operation knob

B Thermostat knob for temperature adjustment in freezer compartment

C Thermostat knob for temperature adjustment in refrigerator compartment

D «Normal» operating pilot light

E «SUPER» operating pilot light

F Warning light

G Thermometer (for those models featuring this device)

Fig. 3

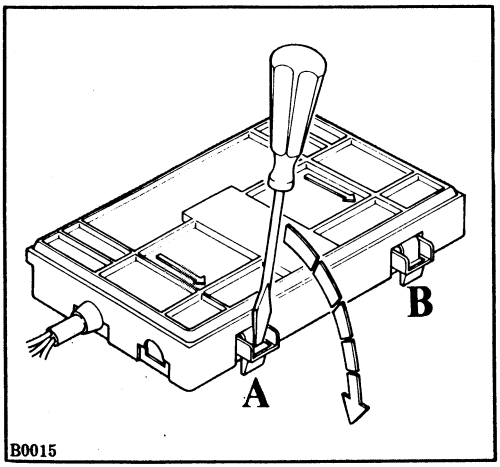
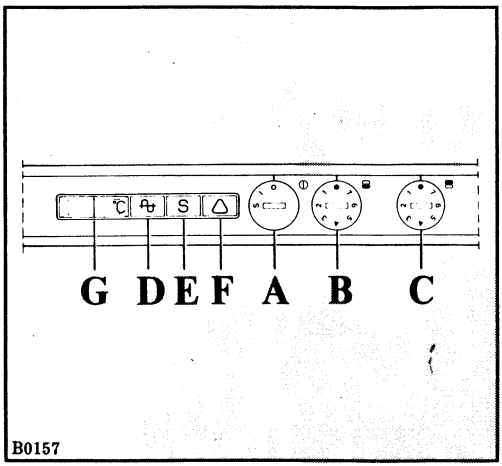


Fig. 4



Use of the freezer

The freezer compartment of this model is of the «frost-free» type. This means that no frosting occurs on the inner walls of the compartment or on food during operation. The absence of frosting is achieved by constant circulation of cold air inside the compartment, produced by an automatic fan blower.

The freezer is marked with the ★★★ symbol, which means that the compartment is suitable for freezing foods and for long-term storage of frozen foods.

Operation of freezer

For correct storage of frozen and deep-frozen foods, freezer temperature should be at least −18°C or colder. To do this, we recommend that you turn knob «B» to an intermediate position. The freezer's temperature is thus automatically set for good food storage.
If the appliance is being used in abnormal conditions — e.g. poor ventilation, high or low room temperature and/or frequent opening of appliance's door — the setting must be adjusted accordingly. In these cases knob «B» must be turned to the higher settings to obtain a lower temperature, or to the lower settings to obtain a higher temperature.

Freezer operation can be halted by turning knob «B» (Fig. 4) to position «●».

Important

If the timer controlling the cooling cycle is on the defrost setting, the motocompressor of the freezer does not start before defrosting has ultimated (approx. 30 minutes).

This may occur when the appliance is first installed or when the user starts up the refrigerator after an idle period.

Quick freezing

Turn knob «A» (Fig. 4) to position «S» («SUPER»). The pilot light «E» will then light up.

Thermometer

(for models featuring this device)

This indicates the average temperature of foods stored in the freezer compartment.

If the door is opened too often or is left open for too long, there might be a slight variation in the temperature indicated. There will be marked variations if the quantity of food frozen at any one time exceeds the maximum indicated on the rating plate.

Warning light «F» (Fig. 4)

This light warns when the temperature inside the freezer compartment has increased so much as to jeopardize the preservation of foods in the compartment. When the appliance is switched on for the first time or when foods are placed in the compartment for freezing, this light remains on until the temperature has reached the level required for correct storage.

Freezing of fresh foods

To quick-freeze foods when the appliance has not been in use, switch on the freezer and let it run on the quick-freeze setting for at least three hours before putting the food to be frozen in the compartment.
If instead the appliance is already in operation, it should run on the quick-freeze setting for at least 24 hours before the foods are put in the freezer compartment.

Once the foods have been placed in the freezer, the freezing operation can be considered to be complete 24 hours later. Once freezing is complete, the freezer should be reset for normal «storage» use.

Food to be frozen has to be placed in the bottom basket. The maximum amount of food which is freezable in 24 hours is 12 kg. If the entire amount of food to be frozen does not fit into the bottom basket, the remaining food may be placed in the basket immediately above, as long as the maximum amount is not exceeded.

To help you get the best out of the freezing process, here are a few hints:

Freeze only good-quality, fresh and well-cleaned foods. Split them into small portions to (a) speed up freezing and (b) avoid having to thaw more food than you require. It is in fact important to remember that once the foods have thawed out, they deteriorate fast.

Another point to remember is that lean foods keep better and longer than fatty foods. Salt too reduces storage time.

Wrap the foods in foil or polythene film, ensuring that the wrapping adheres closely to the food and is well sealed. In this way, by avoiding contact with air, the colour, flavour and nutritional value of the foods remain intact.

You should never freeze all at once a greater quantity of foods than the maximum indicated on the appliance's rating plate.

During the freezing process, do not add further foods for freezing and do not open the freezer door.

The foods for freezing should not be placed in contact with already frozen foods, but put in the special freezing compartments. This will stop the temperature of already frozen foods from rising.

Never put fizzy drinks in the freezer as they might well burst.

In addition, never put hot foods or liquids in the freezer compartment and take care not to fill recipients up to the brim if they are covered with a lid.

It is a good idea to mark the packs — or the cards on the sliding drawers if your model has them — with the date on which freezing started so that you can keep a check on storage periods.

If accidental thawing occurs — due to a power cut for example — the foods must be used up very quickly or else cooked immediately and refrozen. If, however, the power failure is relatively brief (from 6 to 8 hours) and the freezer compartment is packed full, the frozen foods will not suffer any damage.

On the inner freezer door you will find schematic drawings of foods and animals indicating maximum storage time (in months) possible from the time of freezing.

Storage of commercially frozen foods

Gross storage capacity: 310 Litres

To get the best out of your freezer, besides doing everything indicated for freezing foods, in the case of storage of commercially frozen foods you should ensure that:

the products have been correctly stored by the retailer;

that there is only a very short time between when you purchase the products and when you put them in the freezer;

u do not store products for longer than ...e time specified by the food manufacturer.

In addition, if the freezer has been out of use for some time, before putting the products in the compartment let the freezer run for at least two hours on the quick-freeze (SUPER) setting. After this, reset the freezer for normal storage use.

Avoid opening the door too frequently and when you do open it, leave it open only for as long as is strictly necessary.

A word of warning about ice lollies: they should not be eaten straight out of the freezer as this might cause cold burns.

If there happens to be a power failure do not open the freezer door. If the freezer is completely full, frozen products will not be affected. Otherwise they should be used up very quickly.

Thawing

Before being used, deep-frozen and frozen foods can be thawed out either in the refrigerator compartment or at room temperature, depending on the time available for this operation.

Small pieces of food — such as hamburgers, cutlets, chips, and fish fingers, for example — can be cooked straight out of the freezer, without any intermediate thawing operation. Clearly, cooking time will be marginally longer than in the case of thawed foods.

Use of the refrigerator

Operation

Turn knob «C» (Fig. 4) to a setting between 4 and 6, which is usually the most appropriate. However, the exact setting should be chosen keeping in mind that the temperature inside the refrigerator depends on:

Room temperature

How often the door is opened

The quantity of food stored in the refrigerator

Location of appliance.

As in the case of the freezer, it might be necessary to turn the knob to higher settings to obtain a lower refrigeration temperature or, vice versa, to lower settings to increase the refrigeration temperature.

When the refrigerator is set for the coldest temperatures, with a high surrounding room temperature, it will probably be in constant use, with consequent frosting of the back wall of the compartment. If this does in fact happen, the knob should be set to obtain a slightly higher temperature.
In this way the refrigerator automatically defrosts, with a considerable energy saving.

To stop operation, simply turn knob «C» (Fig. 4) to position «●».

Storage of foods in refrigerator compartment

To achieve the best results with the refrigerator compartment, you should follow one or two very simple rules:

Do not put warm foods or evaporating liquids in the refrigerator.

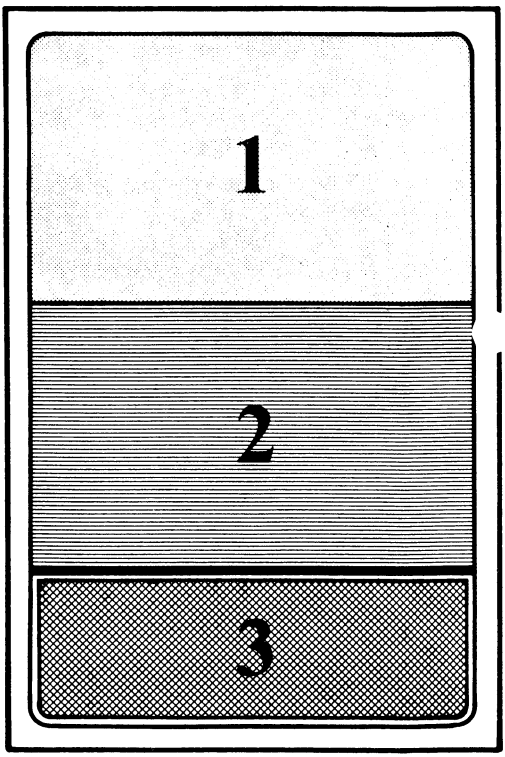
Cover or wrap foods (particularly if they have a strong smell or contain aromatic herbs).

Do not cover the shelves (grids) with paper or plastic since this blocks circulation of air in the compartment.

In addition, foods should be positioned inside the refrigerator compartment as indicated in Fig. 5:

1. Cold cuts, cheese, butter, milk
2. Meat and fish
3. Fruit and vegetables.

Fig. 5



In this position, fresh meat can be stored for 1-2 days at most.

Further hints for getting the best out of your refrigerator are as follows:

Cooked foods, cold dishes, jellies, etc., should be well covered.

Fruit and vegetables should be washed before being stored.

Raw meat (of all types, including poultry) should be stored in plastic bags.

Mobile shelves (grids)

The walls of the refrigerator are equipped with a series of runners so that the shelves (grids) can be positioned as desired (Fig. 6).

Furthermore, the upper shelf can be tilted as in Fig. 7. This will make a handy bottle rack for wines and beverages.

Fig. 6

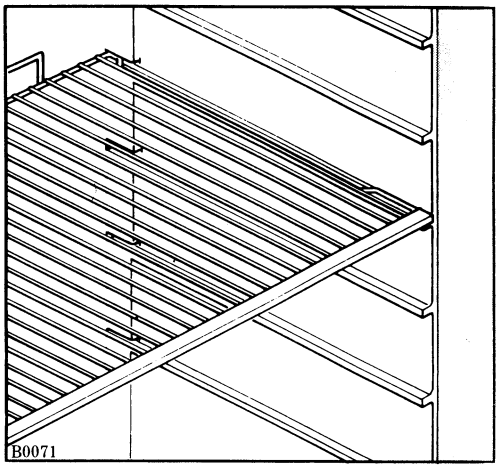
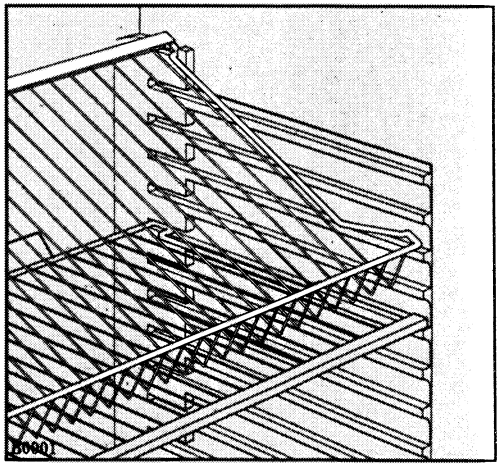


Fig. 7



Chilling of drinks

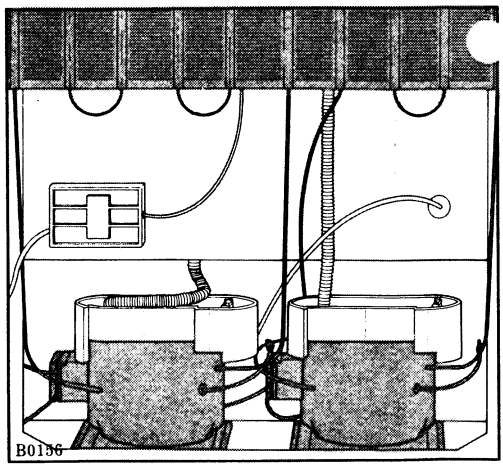
The chilled-drinks container, located on the inner door of the refrigerator compartment, can be easily removed from its runners when it has to be refilled.
To get a drink all you have to do is press the glass against the arms of the dispenser tap. When you remove the glass the tap automatically stops dispensing.

As far as cleaning of the chilled-drinks container is concerned, it should be left to stand filled with hot water and then rinsed several times. To ensure thorough cleaning of the container, it is a good idea to add a tablespoonful of bicarbonate of soda to the water.
The tap should be turned off and on several times so as to free it of any sugar deposits that may have formed.
After this the container should then be emptied and rinsed with fresh water.

Defrosting of freezer and refrigerator

The inner walls of the freezer are automatically defrosted approximately every 24 hours when the appliance is operating in the storage mode. When, on the other hand, the appliance is operating in the quick-freeze mode, defrosting takes place every 8 hours. Naturally, this period may vary slightly, since it depends on room temperature, the number of times the door is opened, the amount of food stored and the place in which the appliance is positioned.
In the case of the refrigerator, the evaporator of the refrigerator compartment is automatically defrosted every time the compressor stops operating.
The water produced by defrosting flows away — in the case of both the freezer and refrigerator compartments — through special drainage grooves in the two areas to two containers positioned in the back of the refrigerator-freezer above the compressors (Fig. 8), where it then evaporates.

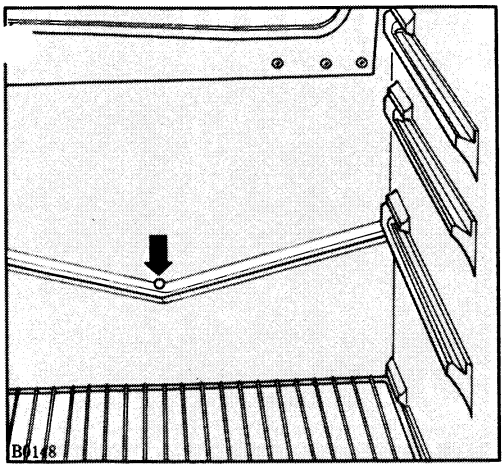
Fig. 8



We particularly recommend that you periodically clean the defrost-water drainage outlet, located in the center of the drainage groove (Fig. 9) in the refrigerator compartment, to prevent the defrost water from overflowing on to foods stored in the compartment.

As regards this, we further recommend use of a flexible device (such as a drinking straw, which is ideal) to facilitate the drainage operation.

Fig. 9



Door reversibility (Fig. 10)

Before any door-reversal operations, remove the mains plug from the wall socket. To reverse the door, proceed as follows:

Remove base grille 2

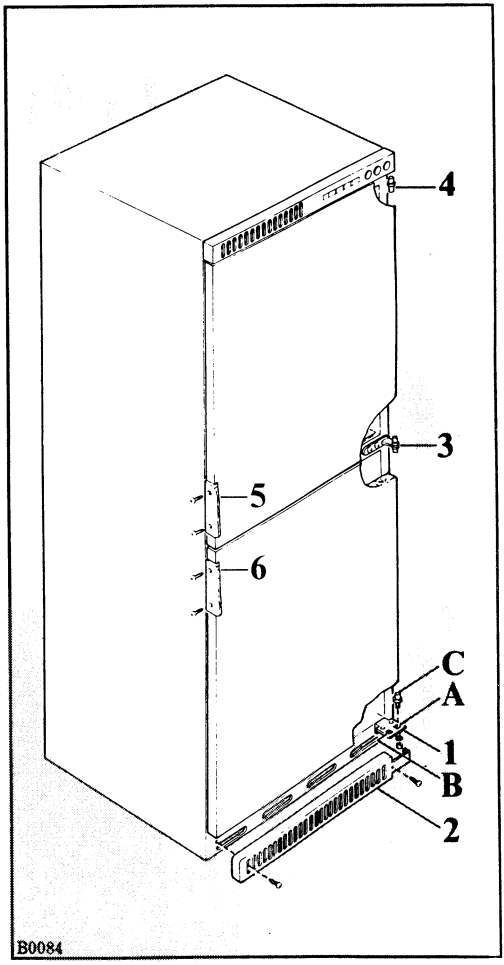
Remove lower hinge 1 and door

Unscrew pin A and rescrew it into hole B

Dismantle middle hinge 3 and upper door

Unscrew pin 4 and rescrew it into hinge on opposite side

Fig. 10



Refit upper door and middle hinge on opposite side

Refit lower door and hinge 1 on opposite side

Turn base grille upside-down and refit it

Remove handles 5-6 and refit them on opposite side.

Door panelling

(for model equipped with door frames) (Fig. 11)

To fit door panels, go through the following steps:

Take off the removable part of the door frame on the opposite side from the handle, removing the screws that secure it

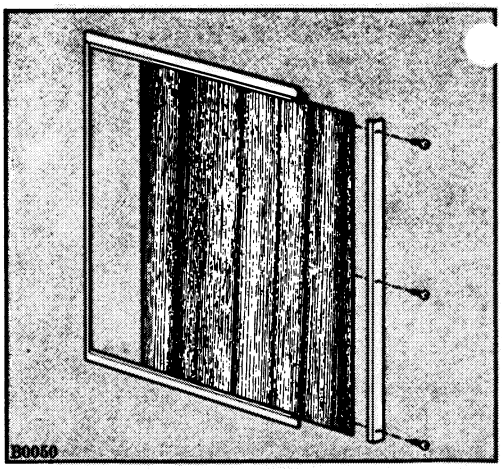
Partially loosen all the screws securing the door frame

Slide the door panel into the side without a frame and push it right in

Refix the frame to the door, including the side removed at the beginning.

The size of the panel should be 1-2 mm less than that of the door all round and it should have a maximum thickness of 4 mm.

Fig. 11



Maintenance

Before carrying out any maintenance operation, always disconnect the plug from the wall socket.

Periodical cleaning

Wash the interior of the appliance with lukewarm water and bicarbonate of soda. Clean the outer casing with a silicon-wax spray. The condenser and compressor should be cleaned using a brush or a vacuum cleaner. This latter operation will maintain the appliance's excellent standards of performance and save energy.

When appliance is not used

During periods when the appliance is not used, you should take the following precautions:

Remove the plug from the wall socket

Remove all food from the appliance

Defrost and clean the interior and all accessories

Leave the doors slightly open, thus letting air circulate and preventing the formation of mould and unpleasant smells.

Interior light

The light inside the refrigerator compartment is easy to get at. All you have to do is to pull out the press-in lamp fitting or otherwise, in the case of some models, remove the lamp from the fitting itself.
If the light does not go on when the door is open, check that it is screwed into place properly. If it still does not light up, change the bulb.

Servicing

What to do if the appliance is not working properly

If something is not working properly, check that:

The plug is firmly pushed into the wall socket and that the mains power switch is on

There has not been a power failure

The control knobs are in the right position.

In addition:

If the appliance seems unduly noisy, check that the sides are not touching furniture that can set off noise and vibration. Also check that the piping of the refrigerant system does not vibrate.

If your appliance is still not working properly after having checked all these points, we recommend that you contact your nearest service center.
To receive fast service, when you call the center you should specify the model and serial number (given on guarantee or rating plate) of the appliance you own.

ZANUSSI STANDARD GUARANTEE CONDITIONS

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of the guarantee card.

We, Zanussi Limited, undertake that if, within twelve months (24 months for TV sets) of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option, repair or replace the same FREE OF ANY CHARGE for labour, materials or carriage on condition that:

—The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.

—The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's operating and maintenance instructions.

—The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

—The appliance is still in the possession of the original purchaser.

All service work under this guarantee must be undertaken by a Zanussi Network Service Centre (or the Zanussi Authorised TV Service Dealer).

Any appliance or defective part replaced shall become our property.

Exclusions

This guarantee does not cover:

—Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.

—Costs incurred for calls to put right machines improperly installed or calls to machines outside the UK and the Republic of Ireland.

—Appliances found to be in use within a commercial environment, plus those which are the subject or rental agreements.

—Television receivers - routine adjustment, or poor reception resulting from a source outside of the receiver.

ZANUSSI 5 YEAR COVER CONDITIONS

For a once-only payment you can extend your Standard Guarantee to 5 years. All the conditions and exclusions of the Standard Guarantee apply.

Notes

1. Products supplied as "seconds", refurbished, damaged or shop-soiled are not eligible for Zanussi 5 year cover.
2. The issue of a cover does NOT by virtue of our having done so, nullify the exclusions.
3. The Engineer will need to check the details of your Cover card and may make a charge for his services if it is not presented to him at the time of his call.
4. The date of purchase, or the date of initial payment (deposit) of the appliance will be deemed the date of commencement of cover.
5. Covers issued are not refundable or transferable.

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